

MEMORANDUM

Date:

December 17, 2001

To:

Jan Robbins

From:

Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for December 17, 2001

Attached are the minutes for the referenced weekly meeting for the Operating Record. In attendance were:

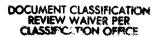
- R. Ahlstrand
- P. Arnold
- J. Floerke
- F. Gerdeman
- R. Hernon
- K. Kunert
- L. Langlois
- M. McGrory
- D. Onyskiw
- G. Tasset
- D. Ward

In addition to the attached status, the following was discussed:

- 1. There will be no State meeting on December 24 nor December 31.
- 2. Due to the new work schedule (4 10's) the State meetings are now scheduled for every Wednesday at 9:30 am in the B371 main conference room. The next meeting will be on January 9.
- 3. In order for DOE to prepare their end of year close out report, the Agenda will be updated through the end of the calendar year and E-mailed to both F. Gerdeman and D. Onyskiw on Wednesday, January 2.

End





B371 CLOSURE PROJECT

WEEKLY STATUS MEETING

Every Monday, 9:00 a.m. B371 Conference Room December 17, 2001

AGENDA

INTRODUCTION - Pam Arnold, X6035, Pager 303-212-4835

D&D

Presenters — Jim Floerke, X2850, Pager 303-212-3292 & Mike McGrory, X5100, Pager 303-212-2146

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Special Projects
 - Cerium Nitrate
 - MAA/PA Closure
- B374 Deactivation

Presenter — Jim Floerke, X2850, Pager 303-212-329

- Special Projects
 - Cleanup
 - Breathing Air
- Sets 7, 24, and Status

ENVIRONMENTAL - Pam Arnold, X6035, Pager 303-212-4835

AUTHORIZATION BASIS/BIO - John Almon x3217, Pager 303-212-3426

D&D Summary (AAC)

Week Ending 12/14/01

Non-actinide Liquid Draining

KH Target Finish: 9/28/00

Current Early Finish: 10/13/01

SV: -243 days

Completed draining the B771 bottles.

- Set 2B (rebaselined Set 6) has been assigned a technical lead to develop a new work strategy. (IAQ31DR02B)
- Strategy meeting held 12/14. A staged approach to accomplish non-actinide liquid draining in Room 3559 is being considered. The initial stage would drain reagent lines accessible from the scaffold currently in place. With the remaining drain points inaccessible using the Level B suit due to the configuration of the room and the placement of the wooden scaffold, the scaffold would be removed in the second stage. During the final stage, a phased approach would be used to remove piping and equipment to gain access to drain points.
- Once the wooden scaffold is removed from Room 3559, a plasma arc cutter could be utilized per Fire Protection Engineering.

Tanks

KH Target Finish: 9/24/03

Current Early Finish: 11/04/03

SV: -26 days

- Set 5 (3573, 8 tanks) TMR vacuum system procurement will be cancelled. The commercial HEPA filtered vacuum completed removal of rings from all eight tanks. Two tanks meet SCO shipping requirements, five are likely to meet requirements and one is questionable. (1AC105ET00)
- Set 3 (3517) line isolations are complete. Raschig Ring, cerium decon and D&D ready packages are ready to go to ISR. (1AC103AT00)
- Set 4 Raschig Ring package is in ISR; cerium decon and D&D ready packages ready to go to ISR.
 (1AD104AH00)
- Set 13 cerium decon and D&D ready packages for 2307 and 2317 are in Planning to modify ALARA review process. The 2307 line isolation package was ready to work 12/12; the 2317 electrical line isolation package planned to start this past weekend. The work package for 2319 is in Engineering. Plan to use SWP for ring removal. (1AC113AT00)
- Set 15 (2223) is being rescheduled.

Gloveboxes

KH Target Finish: 7/30/03

Current Early Finish: 10/17/03

SV: -50 days

- No GB deactivation is scheduled at this time.
- Investigating use of cerium to decontaminate gloveboxes.

CSV

KH Target Finish: 2/13/03

Current Early Finish: 6/30/03

SV: -86 days

Pursuing path to combine residues with pallets in standard waste boxes for shipment as TRU.

- I/O 8 modification package is in Engineering; ECRs for transfer tunnel modification (eliminates need for crate drop and XYZ traverse) and the I/O 8 mod are in process.
- The guillotine door switch relocation needs an ECR for re-relocation and replanning.
- I/O 8 drain line installation package is in ISR.
- Proposed strategy requires removal of four Set 12 gloveboxes from Room 1111 to provide space for waste crate operations.
- Lead removal SWP may start this week.

Cerium Nitrate

- CeN decontamination procedure is complete and approved.
- Internal management review to be performed prior to hot startup.

MAA/PA Closure

Completed draining the B771 bottles.

B374 Deactivation

- Flushing process waste water lines Work Control Documents in preparation. Taps installed in 374.
- Sludge removal Solicitation for 231B has been made; sub-contractor response being reviewed
- Cessation of operations Planned for March 2002.
- Transition to decommissioning Planned for March/April 2002.

D&D Summary (AAD)

Week Ending 12/14/01

Special Projects

Northside Cleanup:

- PWA Activity complete
- Pouring three concrete pads to protect valve boxes.

Breathing Air Modification:

- Engineering Changes were delivered to KH Construction; IWCP change in process.
- Electrical cabinet and dryer out of building
- Electrical and mechanical mods in progress

Cold Area D&D:

- Engineering of the B381 fluorine building is planned to be complete 12/21; rooms 3179, 4101, 4103 and 4104 are in progress.
- Engineering package for demolition of the UGST is complete. IWCP is in Planning; needs USQD review.

Set 7: Dismantlement

KH Scheduled Finish: 10/01/02

Targeted Early Finish: 07/31/02

SV: +66 day

- Electrical Isolation IWCP is complete; started electrical dismantlement.
- Draining of low points in piping prior to Mechanical Isolation is complete.
- Ancillary equipment mechanical isolation started.
- Started work on crated gloveboxes
- Preparing lead removal SWP.

Set 21: Dismantlement

- Work will begin to remove the saltcrete system from room 3809 as soon as the package has final signatures. The work package was modified to remove rinsing from the pre-requisite section and was submitted to ISR for review on 11/26.
- Radiological surveys were performed last week.
- Started Davis-Bacon estimate/review.

Set 24: Dismantlement

KH Scheduled Finish: 9/25/01

Targeted Early Finish: 11/20/01

SV: -36 days

Mechanical stripout and glovebox removal operations continued last week; five gloveboxes removed

Set 14: Dismantlement

Scoping, characterization, and work package identification in progress.



SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
က		Tanks: D132A, B, and C	MRT	3517	
		Nitric Acid Recirc. pump 31-11, P-28A	IE: 0049	3517	
		Nitric Acid Recirc pump 31-11, P28B	IE: 0050	3517	
.1		Nitric Acid Recirc pump 31-11, P29A	IE: 0051	3517	
		Nitric Acid Recirc pump 31-11, P29B	IE: 0052	3517	
<u> </u>		Nitric Acid pump 31-15, P63	IE: 0054	3517	
1		Pumps P-28A, P-28B, P-29A, and P-29B	IE: 0107	3517	
		Pumps P-33A, P-33B, P-34A, P-34B	IE: 0109	3517	
4		Tanks: D133, D150, D151, D152A, D152B	MRT	3571	
1		Ancillary Equipment: Evaporator-reboiler E-	MRT	3571	
		55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62.			
-		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	3571	
J		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	3571	
4		Pumps 33 A&B, 34 A&B	IE: 0109	3571	
2		Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	Raschig Rings removed from Tanks D134B, D134C, and D289A, and D289B. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
7		Container Storage – Room	371.1A	3301	
		Mixed Residue Tank – Ancillary Equipment only	N/A	3303	
		Container Storage - Room	371.1A	3305	
•		Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	IE: 0122	3305	
······································		Mixed Residue Tank – Ancillary Equipment only	A/N	3305	
		Container Storage – Room	371.1A	3315	
		GB Storage - GB#32	371.1B	3315	

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STATUS						Not currently in Permit – to be closed	Not currently in Permit – to be closed																				
LOCATION	1105	1103	1115	1103	1113	1111	1115	1107		1109		1115	1117		1127	1103	1101	1117	1117	1117	1117	1117	1115	1117	1125		
Unit #/Idle Equip. #	371.3A	371.3A	371.3A	371.3A	N/A	90.14	90.19	MRT		MRT		MRT	MRT		MRT	371.1A	371.1C	IE: 0008	IE: 0009	IE: 0010	IE: 0011	IE: 0012	IE: 0113	IE: 0114	IF: 0115) - - - - - - -	
RCRA UNIT DESCRIPTION	CWTS: GB 2401	CWTS: GB 2402, 2403	CWTS: GB 18, 23, 2404	CWTS: Tanks 2401A, B, C & D, 2402A & B, and 2403	Master process control and alarm panel	Container Storage - Room	Container Storage - Room	Tanks: D-44A-1, D-44A-2, D-44A-4, D-44A-5, D-44A-6, D-44B-1, D-44B-2, D-44B-2	4, D-448-5, D-448-6	Tanks: D-43A-1, D-43A-2, D-43A-3,	D-43A-4, D-43A-5, D-43B-1, D-43B-2, D-43B-3 D-43B-5	Tanks: D-160A, B, D-400A, B, D, D-179	Tanks: D-2A, B, D-157A, B, D-238A, B, D-	240A, B, D-170, D-171	Tanks: D-293A & B	Container Storage – Room	Vault Container Storage	Wash Liquid Pump 31-17, P-182	HAS Waste Pump 34-04, P4B, Tank D4B from E9, T10 to 2, D811	HAS Waste Pump 34-04, P3A, Tank D3A, from E1, E80 to D811	HAS Waste Pump 34-04, P3B, Tank D3B, from F1 F80 to D811	HAS Waste Pump 34-04, P4A, Tank D4A,	Pumps P-140, P-141A, P-141B	Pumps P-181 and P-182	Pumns P-54 P-58 P-64 P-68 P-74 P.	7B, P-15A, P-15B, P-27A, P-27B, P-107A,	P-107B, JP-108A, P-108B
SET AREA																AB	AB										
SET	12																								*********		

SET	SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle	LOCATION	STATUS
			Eduip. #	1,00	
13	-	Tank D-292A & B	MRT	2317	
		Pumps P-21A, P-914	IE: 0117	2307	
		Pumps P-85A, B, C; P-27A, B, C	IE: -119	2317	
14		Container Storage – Room	371.1A	2325	
18		Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
		See Set 19 also			
		Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	
19		Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19		Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801	
19		Tanks: D801A, B, & C, D826C, D878,	374.3	2804/3801/	
		D883A & B, D884,		3803/3805/ 3809/3810/ 4802/4812	
19		Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/	
)	-	3809/3810/ 4802/4812	
19/21		Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
19		Drum Filter Basins: FL802A & B, Sludge	374.3	2804/3801/	
		Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B		3803/3805/ 4805/4807	
		See Set 21 also			

SET AREA	151	RCRA UNIT DESCRIPTION	Unit #/Idle	LOCATION	STATUS
		GB Storage - GB's 72B and 72C	371.1B	3408	
		Mixed Residue Tank – Ancillary Equipment	N/A	3408	
			•		
		Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B, D808, D813, D814, D815, and D816 have been declared RCRA Stable and transferred to D&D.
	1	GB Storage - GB's 107 and 113	374.3	3801	
	_				
		No RCRA Units			
		Tanks: D825A D825B D844A D844B	374.3	3803/4805/	3803/4805/ Tanks: 825A. D825B. D844A. D844B. D848 have been declared
		D848		4807	RCRA Stable and transferred to D&D.
	1	Ancillary Equipment: FL802A, FL802B,	374.3	3803/4805/	
		W801, H3, CV813A, CB813B, CV808,		4807	
		CV812, CV813A/B, CV816, W801, H3,		,	
		FL802A/B, T807, E804A/B/C, E817A/B,			
		P806A/B, P815A/B, P816A/B, P862A/B.			
	i	GB Treatment: GB's 115 AB, 116AB,	374.3	3803/4805/	
		117AB, 118 AB.		4807	

Basis for Interim Operations (BIO)

Week Ending 12/14/01

D&D Support

- Out-of-commission
 - Developing USQDs for placing dismantlement sets out-of-commission
 - Completed USQDs to support Sets 7, 24, 13, 12, and saltcrete in Set 21

PuSPS Page Changes

- More than one defective 3013 outside vault for work
 - Approved by DOE on 11/23/01
 - Implementation scheduled for 12/14/01
- Process less than 80% Pu oxides
 - Technical report that serves as basis for page change complete
 - Scheduled to be submitted to DOE 01/10/02

Operations Page Changes

- Criticality alarm testing
 - Deferred due to a high priority task
- Page change to incorporate all JCOs
 - Being worked
- POCs on dock
 - Approved by DOE on 11/23/01
 - Implementation scheduled for 12/14/01
- Residue Product Carts
 - To allow containers packed for WIPP (200 g or less/container)
 - Scheduled to be submitted to DOE 12/20/01

Other Page Changes

- Support of consolidation of HSP Fire Protection procedures
 - Approved by DOE 11/23/01
 - Implementation to be coordinated with implementation Site Fire Protection Program Manual which is effective 01-07-02

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